FIG. 2

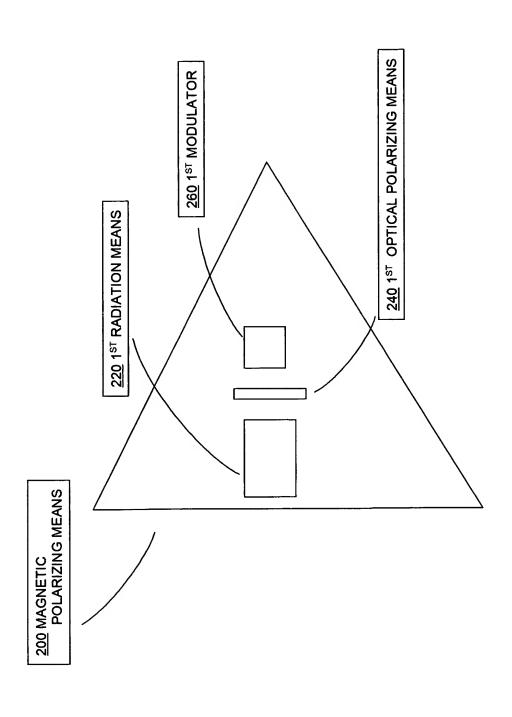


FIG. 3

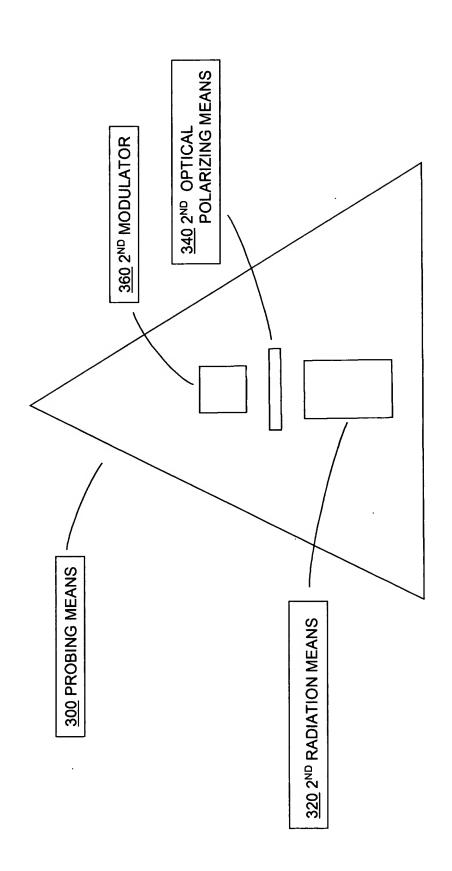
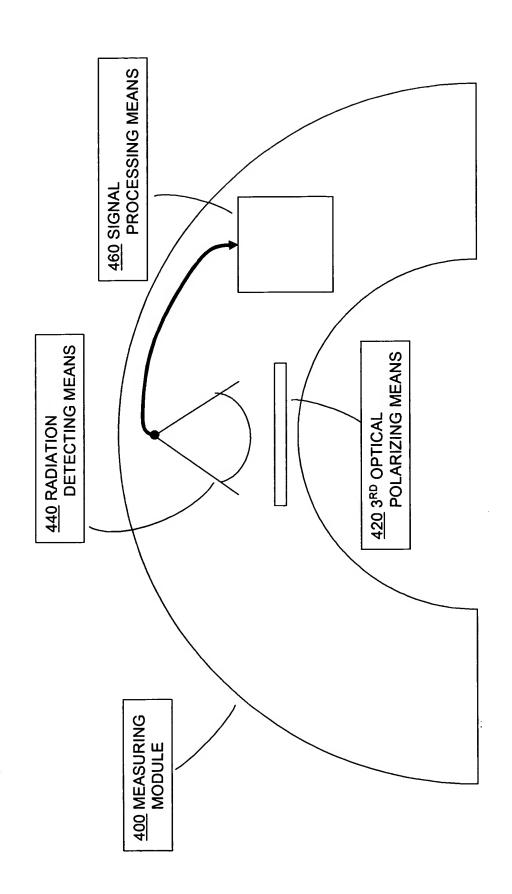


FIG. 4



500 REPRESENTATION 150 SAMPLE VOLUME 120 MAGNETIZING MEANS 120 300 PROBING MEANS 180 MAGNETIC SHIELDING 400 MEASURING MODULE 100 SENSING CELL 200 POLARIZING MEANS FIG. 5